

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E80137

Participation : CTR

Employer : EMC

Status : Affected

Worksite : EMC

Survey Type : Online

Street : 505 1st Ave S Suite 600

Response Rate : 59%

Jurisdiction : City of Seattle

Survey Date : 11/21/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 74.2%

Drive Alone Rate : 25.8%

One-Way VMT per employee : 4.5

Average One-Way distance home to work : 15.2

Employees and Survey Response Information

Reported Total Employees at Worksite: 650

Surveys Distributed : 650

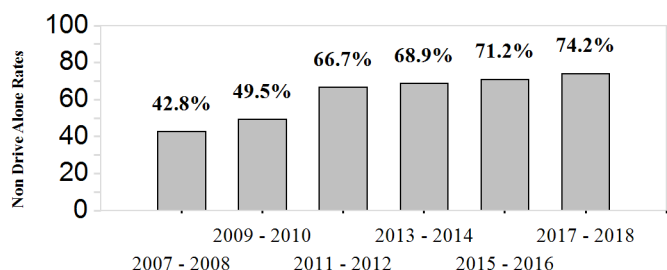
Surveys Returned : 385

Surveys Returned by CTR Affected* Employees : 343

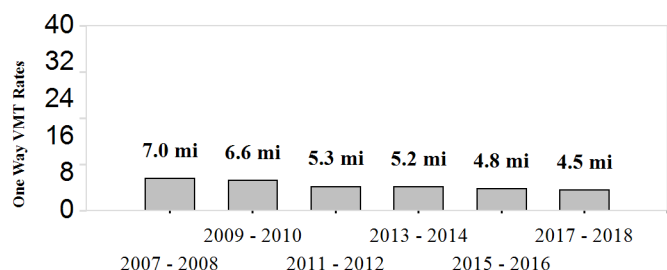
Total Estimated CTR Affected Employees at Worksite : 579

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

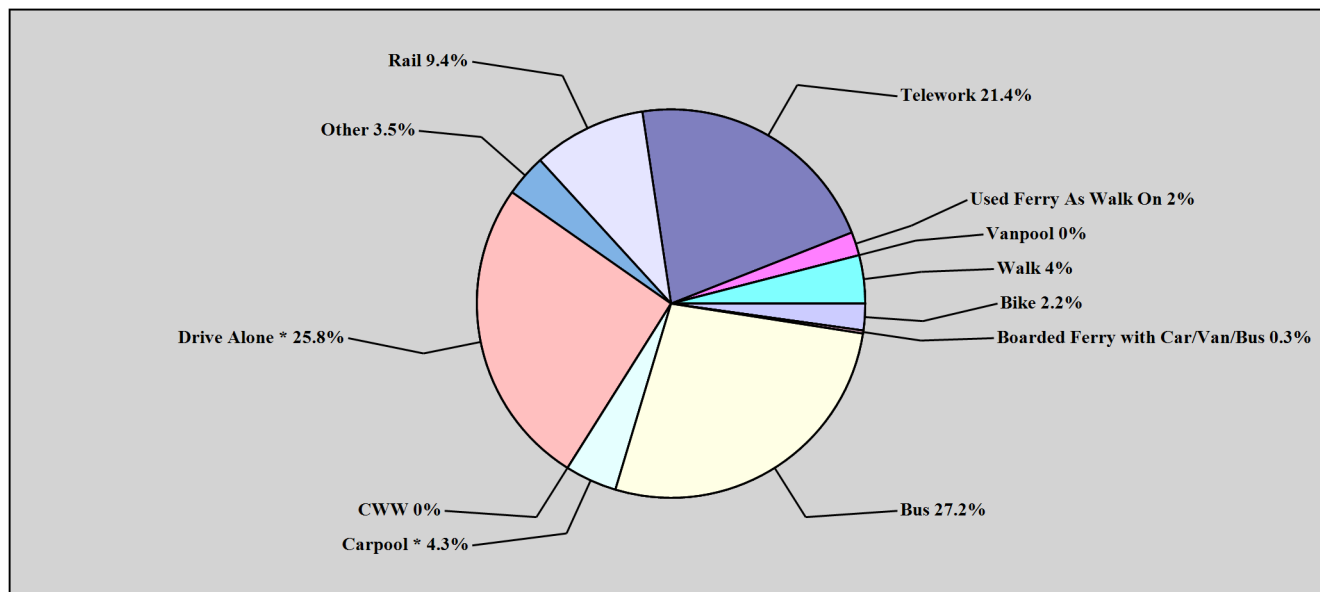
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	42.8%	43.5%	169	284	3.9	7.0	7.7
2009 - 2010	49.5%	51.5%	252	350	4.8	6.6	6.6
2011 - 2012	66.7%	67.0%	272	515	7.0	5.3	5.5
2013 - 2014	68.9%	69.4%	541	749	10.2	5.2	5.4
2015 - 2016	71.2%	71.6%	495	714	9.7	4.8	5.0
2017 - 2018	74.2%	76.4%	389	656	8.9	4.5	4.4
Target	80.0%				Target:	N/A	
% Point Change Target:	37.2				% Change Target:	N/A	
% Point Change from Baseline:	31.4				% Change from Baseline:	-35.7%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



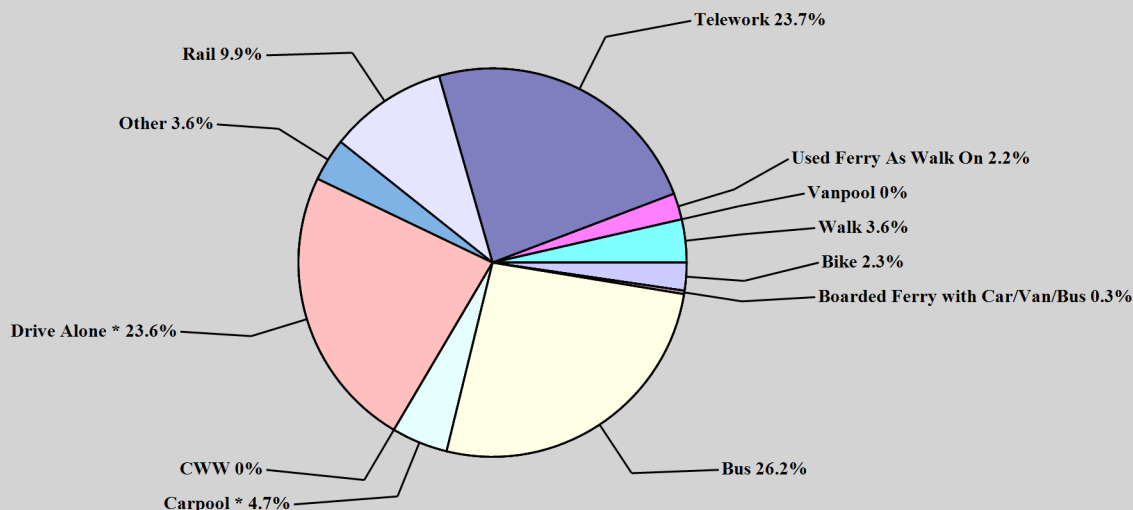
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	501	25.8%	28.8%	139	36.1%	40.4%
Carpool *	84	4.3%	5.8%	30	7.8%	8.9%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	528	27.2%	31.7%	138	35.8%	40.7%
Rail	183	9.4%	9.7%	55	14.3%	13.0%
Bike	43	2.2%	3.8%	14	3.6%	6.3%
Walk	78	4.0%	3.4%	21	5.5%	5.1%
Telework	416	21.4%	13.5%	147	38.2%	32.1%
CWW	0	0.0%	0.1%	0	0.0%	0.4%
Boarded Ferry with Car/Van/Bus	5	0.3%	0.0%	1	0.3%	0.0%
Used Ferry As Walk On	38	2.0%	1.7%	9	2.3%	2.4%
Other	68	3.5%	1.5%	20	5.2%	2.6%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	409	23.6%	28.4%	117	34.1%	40.8%
Carpool *	81	4.7%	6.0%	28	8.2%	9.5%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	454	26.2%	30.5%	118	34.4%	39.6%
Rail	171	9.9%	9.9%	51	14.9%	13.3%
Bike	40	2.3%	4.3%	12	3.5%	7.1%
Walk	62	3.6%	2.5%	17	5.0%	4.0%
Telework	410	23.7%	15.2%	141	41.1%	34.6%
CWW	0	0.0%	0.1%	0	0.0%	0.5%
Boarded Ferry with Car/Van/Bus	5	0.3%	0.0%	1	0.3%	0.0%
Used Ferry As Walk On	38	2.2%	1.7%	9	2.6%	2.6%
Other	62	3.6%	1.4%	18	5.2%	2.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	64	17%	385	100%
1 Days	16	4%	321	83%
2 Days	22	6%	305	79%
3 Days	20	5%	283	74%
4 Days	25	6%	263	68%
5 Days	216	56%	238	62%
6 or More Days	22	6%	22	6%

Count by Occupancy of Carpools and Vanpools

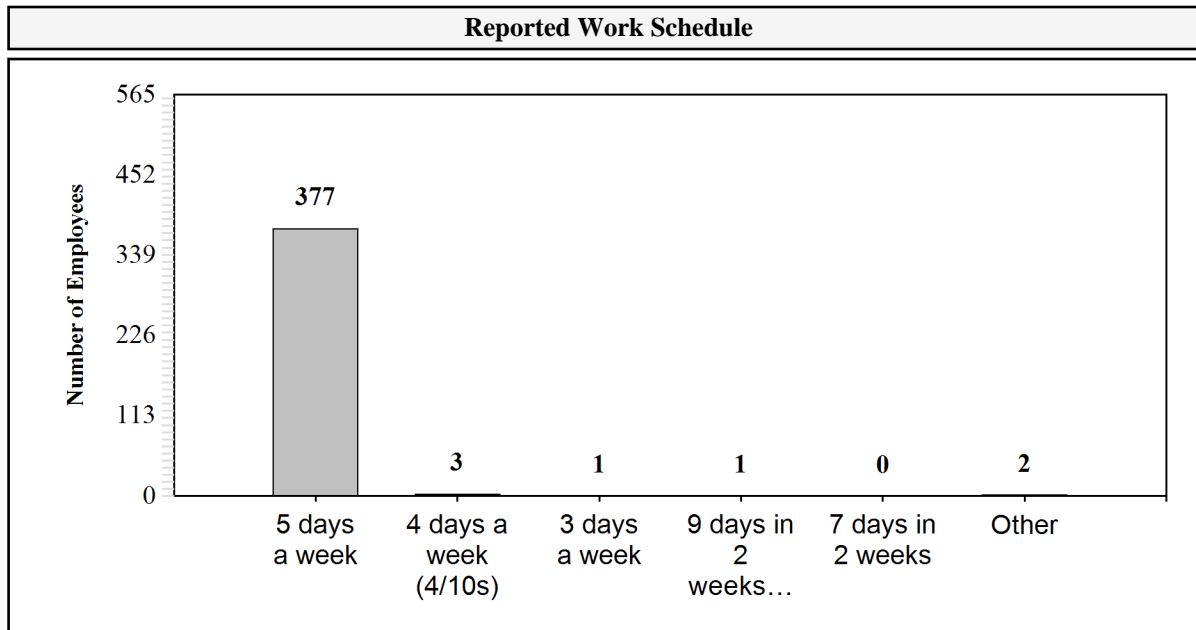
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	78
3	Carpool	6
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

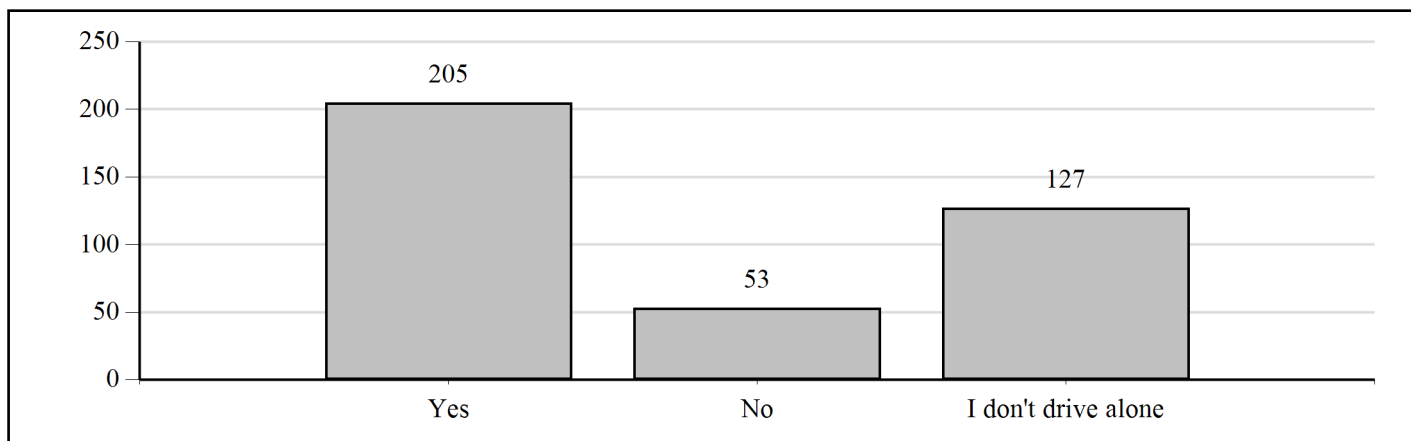
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	377	98.2%
4 days a week (4/10s)	3	0.8%
3 days a week	1	0.3%
9 days in 2 weeks (9/80)	1	0.3%
7 days in 2 weeks	0	0%
Other	2	0.5%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	3	0.8%
I don't telework	43	11.2%
Occasionally, on an as-needed basis	112	29.1%
1-2 days/month	46	11.9%
1 day/week	66	17.1%
2 days/week	40	10.4%
3 days/week	75	19.5%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	205	22.2%
I have the option of teleworking	153	16.6%
Cost of parking or lack of parking	132	14.3%
Personal health or well-being	97	10.5%
To save money	79	8.5%
Environmental and community benefits	77	8.3%
Other	58	6.3%
To save time using the HOV lane	54	5.8%
Financial incentives for carpooling, bicycling or walking.	35	3.8%
Driving myself is not an option	18	1.9%
I receive a financial incentive for giving up my parking space	10	1.1%
Emergency ride home is provided	4	0.4%
Preferred/reserved carpool/vanpool parking is provided	2	0.2%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	190	27.2%
I like the convenience of having my car	169	24.2%
Family care or similar obligations	119	17.0%
Other	115	16.5%
My job requires me to use my car for work	38	5.4%
Bicycling or walking isn't safe	30	4.3%
My commute distance is too short	25	3.6%
I need more information on alternative modes	12	1.7%
There isn't any secure or covered bicycle parking	1	0.1%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98102	13	3.38%	12	0	0	0	10	28	0	0	16	0	0	0	0
98122	13	3.38%	4	3	0	0	15	14	4	21	4	0	0	0	1
98052	11	2.86%	15	5	0	0	30	0	0	0	5	0	0	0	0
98103	9	2.34%	13	0	0	0	23	0	0	0	9	0	0	0	0
98109	9	2.34%	10	1	0	0	29	0	0	0	2	0	0	0	3
98115	9	2.34%	7	5	0	0	21	0	5	0	7	0	0	0	0
98117	9	2.34%	17	1	0	0	13	0	9	0	6	0	0	0	0
98119	9	2.34%	11	0	0	5	11	0	2	4	5	0	0	0	7
98007	8	2.08%	15	0	0	0	16	0	0	0	8	0	0	0	0
98012	8	2.08%	15	1	0	0	20	0	0	0	0	0	0	0	1
98121	8	2.08%	1	1	0	0	16	5	2	16	2	0	0	0	1
98125	8	2.08%	11	9	0	0	18	0	0	0	2	0	0	0	0
98004	7	1.82%	10	0	0	0	19	0	5	0	0	0	0	0	0
98107	7	1.82%	7	0	0	0	15	0	5	0	6	0	0	0	0
98116	7	1.82%	17	1	0	0	9	0	0	0	1	0	0	3	5
98005	6	1.56%	10	11	0	0	5	0	0	0	4	0	0	0	0
98006	6	1.56%	17	0	0	0	6	0	0	2	8	0	0	0	0
98027	6	1.56%	19	0	0	0	9	0	0	0	2	0	0	0	0
98028	6	1.56%	7	3	0	0	7	0	0	0	13	0	0	0	0
98058	6	1.56%	1	0	0	0	6	9	0	0	16	0	0	0	0
98106	6	1.56%	14	0	0	0	10	0	3	0	1	0	0	0	0
98199	6	1.56%	11	0	0	0	14	0	2	0	2	0	0	0	0
98296	6	1.56%	1	5	0	0	7	0	0	0	16	0	0	0	0
98008	5	1.30%	11	5	0	0	3	0	0	0	6	0	0	0	0
98021	5	1.30%	10	0	0	0	6	0	0	0	7	0	0	0	0
98043	5	1.30%	3	0	0	0	19	0	0	0	3	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98074	5	1.30%	8	0	0	0	7	0	0	0	12	0	0	0	0
98075	5	1.30%	5	2	0	0	7	0	0	5	2	0	0	0	6
98105	5	1.30%	6	1	0	0	0	7	0	0	11	0	0	0	0
98110	5	1.30%	0	0	0	0	0	0	0	0	0	0	0	16	10
98126	5	1.30%	5	5	0	0	10	0	5	0	0	0	0	0	0
98208	5	1.30%	3	4	0	0	5	4	0	0	9	0	0	0	0
98026	4	1.04%	5	0	0	0	4	0	0	0	11	0	0	0	0
98034	4	1.04%	1	1	0	0	8	0	0	0	9	0	0	0	0
98036	4	1.04%	0	1	0	0	10	0	0	0	2	0	0	0	5
98040	4	1.04%	6	0	0	0	11	0	1	0	2	0	0	0	0
98059	4	1.04%	14	0	0	0	5	0	0	0	1	0	0	0	0
98077	4	1.04%	7	0	0	0	1	1	0	0	6	0	0	0	5
98101	4	1.04%	5	0	0	0	7	0	0	3	5	0	0	0	0
98104	4	1.04%	0	0	0	0	5	0	0	13	2	0	0	0	0
98112	4	1.04%	3	1	0	0	11	6	0	0	1	0	0	0	0
98144	4	1.04%	6	0	0	0	3	1	0	2	3	0	0	0	7
98203	4	1.04%	9	0	0	0	0	5	0	0	6	0	0	0	0
98014	3	0.78%	3	0	0	0	1	0	0	0	11	0	0	0	0
98029	3	0.78%	10	0	0	0	5	0	0	0	0	0	0	0	0
98033	3	0.78%	11	0	0	0	4	0	0	0	0	0	0	0	0
98045	3	0.78%	11	0	0	0	0	0	0	0	4	0	0	0	0
98053	3	0.78%	5	5	0	0	5	0	0	0	0	0	0	0	0
98065	3	0.78%	10	0	0	0	5	0	0	0	0	0	0	0	0
98087	3	0.78%	5	0	0	2	8	0	0	0	0	0	0	0	0
98136	3	0.78%	3	0	0	0	3	0	0	0	4	0	0	5	0
98002	2	0.52%	0	0	0	0	0	10	0	0	0	0	0	0	0
98003	2	0.52%	0	2	0	0	1	5	0	2	0	0	0	0	0
98011	2	0.52%	0	5	0	0	3	0	0	0	2	0	0	0	0
98032	2	0.52%	2	2	0	0	0	1	0	0	6	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98042	2	0.52%	0	0	0	0	0	5	0	0	5	0	0	0	0
98055	2	0.52%	8	0	0	0	0	0	0	0	2	0	0	0	0
98072	2	0.52%	9	0	0	0	0	0	0	0	2	0	0	0	0
98118	2	0.52%	4	0	0	0	0	5	0	0	1	0	0	0	0
98133	2	0.52%	0	0	0	0	8	2	0	0	0	0	0	0	0
98146	2	0.52%	1	0	0	1	5	0	0	0	3	0	0	0	0
98155	2	0.52%	3	0	0	0	5	0	0	0	2	0	0	0	0
98177	2	0.52%	4	0	0	0	4	0	0	0	1	0	0	0	0
98201	2	0.52%	6	0	0	0	0	3	0	0	1	0	0	0	0
98367	2	0.52%	0	0	0	0	0	0	0	0	6	0	0	4	0
98372	2	0.52%	0	0	0	0	0	5	0	0	5	0	0	0	0
98406	2	0.52%	3	0	0	0	0	3	0	0	4	0	0	0	0
36853	1	0.26%	0	0	0	0	0	0	0	5	0	0	0	0	2
83709	1	0.26%	0	0	0	0	0	0	0	0	5	0	0	0	0
89119	1	0.26%	0	0	0	0	5	0	0	0	0	0	0	0	2
97707	1	0.26%	0	0	0	0	0	0	0	0	7	0	0	0	0
98019	1	0.26%	3	2	0	0	0	0	0	0	0	0	0	0	0
98020	1	0.26%	0	0	0	0	1	3	0	0	1	0	0	0	0
98024	1	0.26%	0	0	0	0	0	0	0	0	6	0	0	0	0
98030	1	0.26%	0	0	0	0	0	3	0	0	2	0	0	0	0
98037	1	0.26%	2	0	0	0	0	0	0	0	3	0	0	0	0
98038	1	0.26%	0	0	0	0	0	2	0	0	2	0	0	0	0
98056	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98057	1	0.26%	0	0	0	0	0	5	0	0	0	0	0	0	0
98070	1	0.26%	0	0	0	0	0	0	0	0	0	0	0	5	0
98092	1	0.26%	2	0	0	0	0	0	0	0	3	0	0	0	0
98108	1	0.26%	0	0	0	0	4	1	0	0	0	0	0	0	0
98111	1	0.26%	0	0	0	0	5	0	0	0	0	0	0	0	0
98113	1	0.26%	0	0	0	0	3	0	0	0	2	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98148	1	0.26%	4	0	0	0	0	0	0	0	1	0	0	0	0
98178	1	0.26%	0	0	0	0	0	1	0	0	2	0	0	0	0
98188	1	0.26%	0	0	0	0	0	5	0	0	0	0	0	0	0
98195	1	0.26%	0	0	0	0	0	0	0	0	5	0	0	0	0
98198	1	0.26%	0	0	0	0	0	5	0	0	0	0	0	0	0
98204	1	0.26%	0	0	0	0	0	0	0	5	0	0	0	0	0
98225	1	0.26%	0	0	0	0	0	0	0	0	5	0	0	0	0
98249	1	0.26%	0	0	0	0	0	5	0	0	0	0	0	0	0
98258	1	0.26%	0	2	0	0	0	0	0	0	3	0	0	0	0
98270	1	0.26%	0	0	0	0	0	5	0	0	0	0	0	0	0
98272	1	0.26%	0	0	0	0	0	0	0	0	5	0	0	0	0
98275	1	0.26%	3	0	0	0	0	0	0	0	2	0	0	0	0
98290	1	0.26%	0	0	0	0	0	0	0	0	4	0	0	0	1
98335	1	0.26%	0	0	0	0	0	0	0	0	0	0	0	0	7
98337	1	0.26%	0	0	0	0	0	0	0	0	7	0	0	0	0
98340	1	0.26%	0	0	0	0	0	0	0	0	5	0	0	0	0
98354	1	0.26%	0	0	0	0	0	0	0	0	5	0	0	0	0
98360	1	0.26%	0	0	0	0	0	5	0	0	0	0	0	0	0
98374	1	0.26%	0	0	0	0	0	0	0	0	5	0	0	0	0
98375	1	0.26%	1	0	0	0	0	2	0	0	2	0	0	0	0
98383	1	0.26%	0	0	0	0	0	0	0	0	0	0	5	0	0
98387	1	0.26%	0	0	0	0	0	5	0	0	0	0	0	0	0
98403	1	0.26%	0	0	0	0	0	2	0	0	3	0	0	0	0
98404	1	0.26%	0	0	0	0	0	5	0	0	0	0	0	0	0
98408	1	0.26%	0	0	0	0	0	4	0	0	1	0	0	0	0
98422	1	0.26%	1	0	0	0	1	0	0	0	3	0	0	0	0
98444	1	0.26%	2	0	0	0	0	0	0	0	3	0	0	0	0
98445	1	0.26%	0	0	0	0	0	4	0	0	1	0	0	0	0
98466	1	0.26%	0	0	0	0	1	0	0	0	4	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98501	1	0.26%	0	0	0	0	0	2	0	0	3	0	0	0	0
98512	1	0.26%	2	0	0	0	0	0	0	0	3	0	0	0	0
98513	1	0.26%	0	0	0	0	0	0	0	0	6	0	0	0	0
98516	1	0.26%	5	0	0	0	0	0	0	0	1	0	0	0	0
98533	1	0.26%	0	0	0	0	0	0	0	0	5	0	0	0	0
98632	1	0.26%	1	0	0	0	0	0	0	0	4	0	0	0	0
98801	1	0.26%	7	0	0	0	0	0	0	0	0	0	0	0	0
98802	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98922	1	0.26%	0	0	0	0	0	0	0	0	0	0	0	0	5
99156	1	0.26%	0	0	0	0	0	0	0	0	0	0	0	5	0
99205	1	0.26%	0	0	0	0	0	0	0	0	5	0	0	0	0